

M 5.7, 20km ESE of Marmaraereglisi, Turkey

Origin Time: 2019-09-26 10:59:26 UTC (Thu 13:59:26 local)

Location: 40.8900° N 28.1727° E Depth: 10.0 km

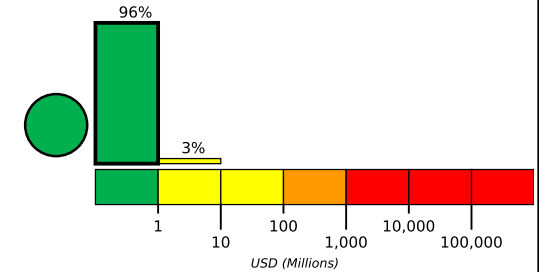
Created: 2 hours, 2 minutes after earthquake

Estimated Fatalities



Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

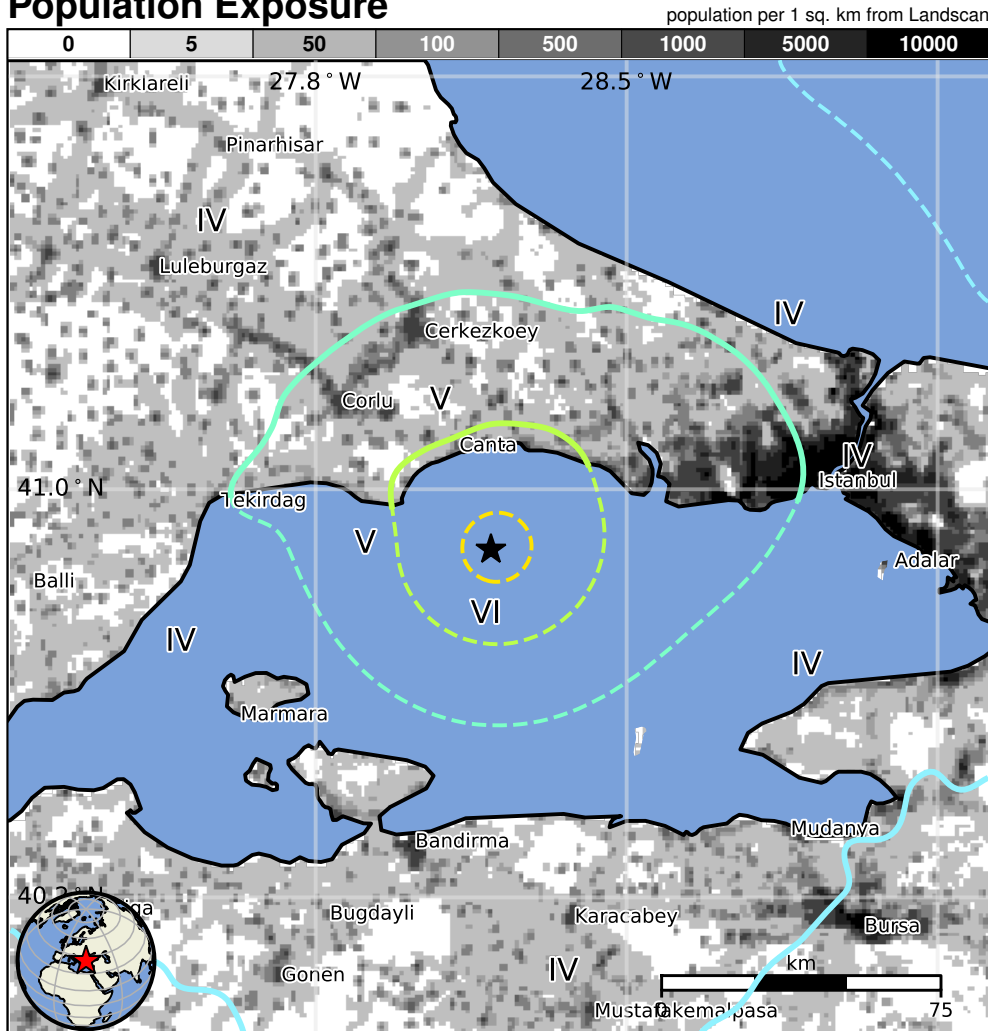


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	1,353k*	8,933k	5,285k	123k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are adobe block and dressed stone/block masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1999-08-31	146	5.1	VI(209k)	1
2002-01-21	252	4.8	VI(97k)	1
1999-08-17	149	7.6	IX(396k)	17k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Marmara Ereğlisi	11k
VI	Silivri	53k
VI	Kavaklı	51k
VI	Sultankoy	3k
VI	Selimpasa	11k
VI	Canta	5k
V	Tekirdag	122k
IV	Istanbul	11,174k
IV	Yalova	71k
IV	Kırklareli	58k
III	Bursa	1,413k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us700051kl#pager>

Event ID: us700051kl